

	WVSIRN		
	Title / Subject <u>Approved Equipment List</u>	Effective Date 09/01/11	Revision Date 02/10/15
	References: Moved Kenwood to Tier-5 due to site affiliation issues.		

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Approved Radios:

This is a list of all approved radios for use on the Statewide Interoperable Radio Network (SIRN).

Please note the SIRN is only FCC licensed for 40 watts on the trunking system. Any mobiles operating at more than 40 watts are in violation and may cause harm to the system.

Tier 1

Statewide operation with: 380-470 MHz frequency capability and shall be capable of AES encryption.

Mobile

1. Bendix-King KNG-400M
2. E. F. Johnson 53XX series
3. Harris Unity XG-100M
4. Harris M7300
5. Kenwood NX5800 (Type 2)
6. Motorola APX 7500
7. Motorola APX 6500
8. Motorola APX 4500
9. Motorola XTL 5000

10. Motorola XTL 2500

Portable

1. Bendix-King KNG-P400
2. E.F. Johnson 51XX series
3. Harris Unity XG-100
4. Harris P7300
5. Kenwood NX-5300
6. Kenwood TK-5310
7. Motorola APX 4000
8. Motorola APX 6000
9. Motorola APX 7000
10. Motorola XTS 2500
11. Motorola XTS 5000

Tier 2

State wide operation with: All features of Tier 1 but without encryption.

Mobile

1. Motorola XTL 1500

Portable

1. Motorola XTS 1500

Tier 3

Restricted Area of Operation – Radio has other than 380-470 MHz frequency capability but is capable of AES encryption.

Mobile

- | | |
|--------------------|-------------|
| 1. Tait TM91XX | 400-470 MHz |
| 2. Kenwood TK-5810 | 400-470 MHz |
| 3. Kenwood TK-5820 | 400-470 MHz |

Portable

- | | |
|--------------------|-------------|
| 1. Kenwood TK-5320 | 400-470 MHz |
| 2. MaCom P5400 | 450-512 MHz |
| 3. Tait TP9100 | 400-470 MHz |

Tier 4

Restricted Area of Operation - Radio has other than 380-470 MHz frequency capability and not capable of AES encryption.

Mobile

- | | |
|----------------|---------------------------|
| 1. MaCom M3300 | 400-470 MHz No Encryption |
|----------------|---------------------------|

Portable

1. MaCom P3300

400-470 MHz No Encryption

Tier 5

Special Notice of Operation - Radio requires special programming and/or utilizes a manufacturer's implementation for operational use on the SIRN System.

Mobile

1.

Portable

1.

Approved Contracts:

This is a list of all piggy back contracts and a brief description of what is included in the contract also a link to the contract.

NOTE: State Purchasing has removed the contracts from their website, but you may request a copy of the contract from them.

Antennas (SIRN):

BPH14114 – SIRN Antennas and related equipment.

Engineering services:

BPH80345 – Contract includes various engineering services.

Gateway Devices:

DPS1117 – Contract includes Tier 1, 2, 3, and 4 Gateway devices with optional hardware.

Microwave Equipment:

BPH11123 – Catalog contract of microwave radio equipment and associated platforms for T1 and DSO breakouts for the SIRN microwave backbone.

BPH11127 – Contract includes various microwave antennas lines and accessories.

BPH80346 – Catalog contract of microwave equipment and services including Truepoint, Constellation, Intraplex, and Charger and Battery platform.

Radios/Console:

Citizen Band Radio:

709C0014 – Contract includes Citizen Band radios with microphone and mounting brackets.

Console:

DPS1140 – Contract includes two position console and optional equipment.

Kenwood:

DJS010281 – Contract includes NX- 200/300 Portable, NX- 700(H)/800 (H) mobile, NXR – 700/800 base unit and optional accessories for all radios. Also includes cable, antennas, and chargers.

DPS0931 – Contract includes Tier 2 VHF/UHF P25 Portable radios and optional accessories.

DPS0938 – Contract includes Low band mobile radio with software and cables.

Motorola:

DPS1102A – Contract includes Tier 1 UHF, VHF digital mobile radios with optional accessories.

BPH11084 – Contract includes Tier 1, 2, 3, 4 APX 7500 dual band mobile radios, Tier 1, 2, 3 APX 7000 dual band portable radios, XTL 2500, TRC, MC2500 Digital remote controlled base station, Tier 1UHF, VHF MTR 2000/3000 base station, Tier 1, 2 P25 service monitors, also with optional accessories for all radios.

HSE09029A – Contract includes equipment and hardware related to GTR800.

Satellite Radios:

DPS1114 – Contract includes a variety of fixed and portable radios wit optional accessories. Also includes Radio service (PTT, GPS tracking, etc.).

Tait:

DPS1102B – Contract includes Tier 2 UHF, VHF digital mobile radios with optional accessories.

Uniden:

7012C013 – Contract includes Pro 510XL Citizen Band radio.

Vertex:

7010C006 – Contract includes Vertex 2way portable radios with charger and battery.

Tower:

BPH10075 – Contract includes various towers and related equipment.